

What is claimed is:

1. A lift of a drum-type washing machine, comprising an outer lift part for axial installation on an inner circumferential surface of a rotating drum provided with a multitude of water penetration holes, said outer lift part having an open top and an open bottom, wherein the open bottom faces at least a portion of the multitude of water penetration holes.

2. The lift as claimed in claim 1, further comprising an inner lift part, slidably installed within said outer lift part, said inner lift part having an open bottom.

3. The lift as claimed in claim 2, wherein said inner lift part is provided with a plurality of perforations formed throughout its surfaces.

4. The lift as claimed in claim 3, wherein said inner lift part protrudes through the open top of said outer lift part during at least a portion of a rotational cycle of the rotating drum and is wholly contained within said outer lift part during at least a portion of the rotational cycle of the rotating drum.

5. The lift as claimed in claim 4, wherein a predetermined bottom outer width of said inner lift part is greater than a predetermined top inner width of said outer lift part, so that said inner lift part is captured within said outer lift part.

6. The lift as claimed in claim 5, wherein said inner lift part protrudes through the open top of said outer lift part while the lift is situated in an upper half of the rotating drum.

7. The lift as claimed in claim 6, wherein said inner and outer lift parts each have an opposing pair of inclined side surfaces so as to impart each of said inner and outer lift parts with a geometrically similar shape and a regular trapezoidal cross-section.

8. The lift as claimed in claim 1, wherein said outer lift part comprises a pair of support rails protruding inwardly from each inner side surface of said outer lift part and run lengthwise from end to end, thus extending axially with respect to the drum's rotation.

9. The lift as claimed in claim 8, further comprising an inner lift part resting on said pair of support rails while the lift is situated in a lower half of the rotating drum.

10. A drum-type washing machine, comprising:

a rotating drum provided with a multitude of water penetration holes;

a plurality of outer lift parts axially installed on an inner circumferential surface of said rotating drum, each of said outer lift parts having an open top and an open bottom,

wherein the open bottom faces at least a portion of the multitude of water penetration holes.

11. The drum-type washing machine as claimed in claim 10, further comprising a plurality of inner lift parts slidably installed within said outer lift parts, respectively, each said inner lift part having an open bottom.

12. The drum-type washing machine as claimed in claim 11, wherein said inner lift parts are provided with a plurality of perforations formed throughout their surfaces.

13. The drum-type washing machine as claimed in claim 12, wherein said inner lift parts respectively protrude through the open tops of said outer lift parts during at least a portion of a rotational cycle of the rotating drum and are wholly contained within said outer lift parts during at least a portion of the rotational cycle of the rotating drum.

14. The drum-type washing machine as claimed in claim 13, wherein a predetermined bottom outer width of each said inner lift part is greater than a predetermined top inner width of the corresponding said outer lift part, so that said inner lift parts are captured within said outer lift parts.

15. The drum-type washing machine as claimed in claim 14, wherein at least one of said inner lift parts protrudes through the open top of one of said outer lift parts while a corresponding one of said plurality of lifts is situated in an upper half of the rotating drum.

16. The drum-type washing machine as claimed in claim 15, wherein said inner and outer lift parts each have an opposing pair of inclined side surfaces so as to impart each of said inner

and outer lift parts with a geometrically similar shape and a regular trapezoidal cross-section.

17. The drum-type washing machine as claimed in claim 10, wherein said plurality of lifts are spaced equidistantly around the inner circumferential surface of said rotating drum.

18. The drum-type washing machine as claimed in claim 17, wherein said plurality of lifts numbers three.